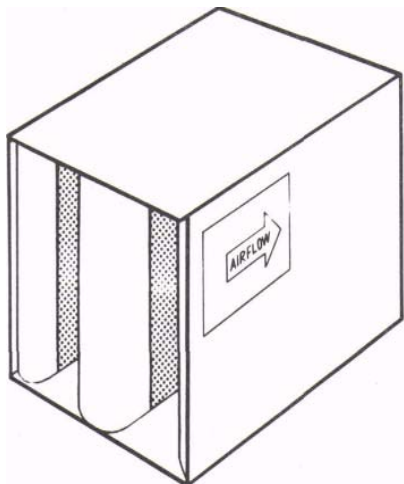


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL HP - LF RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	HP - LF

IES -2000's sound attenuators are engineered to achieve a maximum insertion loss with a minimum pressure drop. IES -2000's sound attenuators feature airfoil design for efficient aerodynamic performance, as well as superior acoustical materials and total galvanized steel construction, guaranteeing excellent reliability and performance.

MODEL NO.	OCTAVE BANDS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	CENTER FREQUENCY (Hz)	63	125	250	500	1000	2000	4000	8000
	FACE VELOCITY FPM	DYNAMIC INSERTION LOSS IN DECIBELS							
3HP-LF	-1500	9	14	24	28	28	21	18	13
	-1000	8	14	23	27	29	18	19	13
	0	8	11	23	26	27	18	19	13
	+1000	9	12	22	24	26	20	18	14
	+1500	9	11	20	23	24	19	18	14
5HP-LF	-1500	15	23	36	39	40	29	21	14
	-1000	15	20	35	39	40	29	21	15
	0	14	20	34	38	39	28	23	19
	+1000	12	18	30	36	38	28	23	18
	+1500	10	17	27	34	35	29	22	18
7HP-LF	-1500	15	32	43	50	54	34	24	19
	-1000	15	30	43	48	53	34	26	19
	0	13	27	41	47	50	34	26	22
	+1000	12	23	40	47	51	38	27	23
	+1500	12	21	39	46	49	39	28	24
10HP-LF	-1500	22	32	48	52	53	44	28	18
	-1000	22	32	49	52	53	44	31	21
	0	22	30	48	52	52	44	32	22
	+1000	20	28	47	51	51	45	35	23
	+1500	18	28	46	51	52	46	35	24

THIS TABLE CONTAINS BOTH FORWARD (+) AND REVERSE (-) FLOW ACOUSTIC AND AERODYNAMIC RATINGS BASED ON TEST RESULTS MEASURED IN ACCORDANCE WITH ASTM E477. COPIES OF THESE TEST REPORTS CAN BE FURNISHED UPON REQUEST

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